

IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

**PATENT APPLICATION**

**INVENTOR(S)**      Noriaki Kaneda  
                            Ut-Va Koc  
                            Kun-Yii Tu

"Express Mail" Label No.: EV326908547US

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated below and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

**CASE**                      1-2-2

Date of Deposit: July 25, 2003

Signature: 

**TITLE**                      Method and Apparatus for Electronic Equalization  
                                    in Optical Communication Systems

---

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

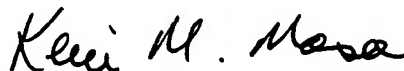
Sir:

Pursuant to 37 C.F.R. §§1.56, 1.97 and 1.98, Applicant's attorney wishes to bring to the attention of the Patent and Trademark Office the following document(s) listed on the accompanying PTO Form 1449. A copy of each listed item is enclosed.

1. D. G. Messerschmitt, "Minimum MSE Equalization of Digital Fiber Optic Systems," IEEE Trans. Communications, vol. COM-26, No. 7, 1110-1118 (July 1978).
2. E. Wallach et al., "The Least Mean Fourth (LMF) Adaptive Algorithm and its Family," IEEE Trans. Communications on Information Theory, vol. IT-30, no. 2, 275-273 (March 1984).

The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made, or as an admission that the information cited is considered to be material to patentability or that no other material information exists.

Respectfully submitted,



Date: July 25, 2003

Kevin M. Mason  
Attorney for Applicant  
Reg. No. 36,597  
Ryan, Mason & Lewis, LLP  
1300 Post Road, Suite 205  
Fairfield, CT 06824  
(203) 255-6560

Applicant:  
Case:  
Serial No.:  
Filing Date:  
Group:

Kaneda et al.  
1-2-2  
Unassigned  
Concurrently Herewith  
Unassigned

**LIST OF PUBLICATIONS FOR  
APPLICANT'S INFORMATION  
DISCLOSURE STATEMENT**

---

**U.S. PATENT DOCUMENTS**

EXAMINER				FILING DATE	
INITIAL	DOCUMENT NO.	DATE	NAME	CLASS/SUBCLASS	IF APPROPRIATE

---

**FOREIGN PATENT DOCUMENTS**

EXAMINER				TRANSLATION	
INITIAL	DOCUMENT NO.	DATE	COUNTRY	CLASS/SUBCLASS	YES NO

---

**OTHER DOCUMENTS**

EXAMINER		
INITIAL	REF NO.	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.

- |    |  |
|----|--|
| 1. | D. G. Messerschmitt, "Minimum MSE Equalization of Digital Fiber Optic Systems,"<br>IEEE Trans. Communications, vol. COM-26, No. 7, 1110-1118 (July 1978).                            |
| 2. | E. Wallach et al., "The Least Mean Fourth (LMF) Adaptive Algorithm and its Family,"<br>IEEE Trans. Communications on Information Theory, vol. IT-30, no. 2, 275-273 (March<br>1984). |

---

Examiner

Date Considered

**Examiner:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.